

1 illness and the treatments that were being provided at that
2 time.

3 This was the first US telemedicine system, black
4 and white, broadband. It operated for six years. It proved
5 the value of tele-psychiatry and it had a very positive
6 impact on the institution and the patients there, but when
7 the grant ended, the project ended. The high cost of the
8 least microwave system could not be covered by the Nebraska
9 Department of Public Institutions budget, and of course this
10 is a situation that continues to occur today when grants
11 come to an end.

12 Through the years since that time, UNMC has been
13 involved in other telemedicine distance learning activities.
14 Since 1968 we have partnered with the Veterans
15 Administration Medical Center to support and use an
16 interactive broadband television interconnection. We also
17 are linked electronically with a number of other Omaha
18 hospitals, and of course we are a part of Nebraska's NEBSAT
19 educational satellite system, and we also use the Nebraska
20 video conference network, land-based for those of you from
21 Iowa who may not know that system.

22 With these two systems we can reach all of the
23 major Nebraska cities clear to the western border, and we
24 use these heavily, particularly to reach out to health
25 professionals and our health profession students and to do

1 some public education as well as administrative sharing.

2 As Nebraska's academic health science center,
3 UNMC is committed to support excellence in rural health care
4 and the development of telemedicine applications. These two
5 things are part of the strategic plan. At the present time,
6 however, the direct patient care that we provide over our
7 video systems is very limited. Interestingly enough, our
8 most frequent uses are serving our transplant and lymphoma
9 experts who consult with patients around the world.

10 Now, we have established partnerships, we've
11 applied for grants, but we've not been able to secure the
12 rather extensive funding that's required to lease
13 transmission services, buy equipment, and cover the cost of
14 start up and operation of a telemedicine system. The use of
15 the video systems that we do have in place is also difficult
16 to promote because of the limited reimbursement that's
17 available to physicians for telemedicine services when they
18 provide them.

19 Health care today more than ever is a business,
20 and it's difficult to convince physicians to do free
21 telemedicine consults when they can go to their offices that
22 are full of patients that have insurance, so this is an
23 issues that still needs to be solved.

24 So at the med center, we continue our funding
25 search and we seek to be proactive in working with other

1 institutions and individuals that are committed to the
2 advancement of telemedicine and the removal of some of the
3 barriers that exist to the successful application of
4 telemedicine.

5 Things do look better. There's more funding for
6 projects and transmission costs and real progress is being
7 made, I believe, in the provision of reimbursement for
8 services provided for telemedicine. But again, there's a
9 long way to go.

10 We do also participate in the Nebraska
11 Information Technology Commission activity. We feel that
12 what's happening there in collaboration with the Department
13 of Communication in the development of a statewide
14 infrastructure will certainly solve some of our cost
15 problems when it comes to delivering health care to the
16 remote site across the state of Nebraska.

17 So in summary, we hope to be a part -- continue
18 to be a part of the continuing effort to overcome the
19 remaining barriers to successful telemedicine in the state
20 of Nebraska and to again, have some active systems in place.

21 I appreciate the opportunity to participate
22 today. I have certainly gained more than I have given
23 because the first two panels were extremely interesting.
24 Thank you.

25 (Applause.)

1 MS. BOYLE: Donna Hammack.

2 MS. HAMMACK: Thank you, Anne.

3 I've worked with the development of the Mid-
4 Nebraska Telemedicine network since its inception in 1994,
5 and I thank you very much for the opportunity to share some
6 information about it today.

7 We have been fortunate enough to secure some
8 grants that have allowed us to develop that system. We have
9 been recipients from the Office of Rural Health Policy --
10 and also that has now changed to the Office for the
11 Advancement of Tele-health -- and received three-year grants
12 in 1994 and again in 1997, so our service delivery really
13 began in 1995.

14 The Mid-Nebraska Telemedicine Network actually
15 connects ten sites at rural hospitals. Eight of those are
16 in Nebraska and two, even though it's the Mid-Nebraska
17 Telemedicine Network, are in Kansas. They are connected to
18 our regional referral center, a multi-specialty acute care
19 hospital, Good Samaritan in Kearney, and our psychiatric
20 facility, Richard H. Young Hospital, also located in
21 Kearney.

22 Nebraska sites are connected by dedicated direct
23 connect T1 lines. Video is currently allocated at 1152 and
24 data, 384. We have tele-radiology applications that take
25 advantage of the 384, and this allows primary care

1 physicians at the remote sites to connect to radiologists at
2 Good Samaritan Hospital. For our present situation, we use
3 routers to split apart the video-conferencing and the tele-
4 radiology functions. It also should perhaps be noted that
5 Nebraska does not price fractionalized T1 service at this
6 time.

7 ISDN switching is available only selectively in
8 Nebraska and not at any of our network's remote sites, but
9 we do use it to connect to the hub site in Kearney to the
10 remote sites in Kansas. The ten existing sites are all
11 equipped with standards based video-conferencing room
12 systems that are interoperable with other telemedicine
13 equipment out of network, and we do have the ability to dial
14 out of network as well.

15 Since the beginning of operation in December of
16 1995, one thing that I can share about our success story is
17 that we are one of the most active telemedicine networks in
18 the country and we have to date completed over 4,500 patient
19 encounters, and over 30 different specialties have been
20 represented during those patient encounters. Half of those,
21 interestingly, have been in mental health.

22 Also some of the top drivers of the system
23 include speech pathology, orthopedics, medical oncology,
24 diabetic education, dermatology, arthritis education,
25 cardiology, neurology, rheumatology, enterostomal therapy,

1 and others. The system is also utilized for support group
2 systems, fibromyalgia support groups and also cancer support
3 groups, education, and administrative meetings.

4 To also validate the success of the network and
5 to show you the value, I'd like to give you just a few bits
6 of the research that we have found from our network.

7 Our consulting providers have expressed
8 satisfaction with the amount of medical information
9 rendered. None expressed dissatisfaction and they view
10 telemedicine as a satisfying experience along all dimensions
11 selected for the study. Referring providers were virtually
12 unanimous. Ninety-eight percent in agreement that
13 telemedicine improves their ability to keep patients in
14 their local communities. They believe the regular use of
15 telemedicine is improving quality or keeping it the same as
16 in-person care.

17 Patients enjoy the convenience of telemedicine.
18 Both travel and waiting time averaged less than 15 minutes
19 for most. They felt the quality of their care was either
20 the same -- 79 percent said that -- or better. An amazing
21 20 percent said it was better than in-person care, and they
22 would recommend telemedicine to a member of their family.

23 Technology indeed allows us the opportunity to
24 overcome barriers and neutralize distance to better serve
25 the needs of our rural patients. Critical to the growth and

1 deployment of telemedicine applications is access to
2 broadband networks. However, we do still have some
3 challenges which are largely inherent to sparsely populated
4 areas.

5 As you know, the Telecommunications Act of 1996
6 was set into place among other goals to provide assistance
7 to rural health care providers in attaining access to
8 broadband services and to assure that rural residents would
9 have comparable services at comparable prices to those in
10 urban areas. It also was to spur competition among
11 telecommunication providers, and in many cases, including
12 ours, there was not an influx of providers vying to provide
13 services for our network. And while more populated networks
14 may choose between various services, ours unfortunately are
15 still somewhat limited.

16 Initially the program's eligible
17 telecommunications providers were narrowly defined. The
18 program originally excluded inter-exchange carriers that
19 provide the links between local exchange carriers in rural
20 areas, and it also excluded alternative local carriers such
21 as wireless. The 14th order of reconsideration eliminated
22 the ETC requirement allowing the crossing of LATA boundaries
23 and an action that may promote competition and we actively
24 support.

25 The LATA boundaries have proven to be a bit

1 cumbersome and artificially imposed, and I understand that
2 the Nebraska Public Services Commission is now looking at
3 that situation as well.

4 While the decision to allow retroactive support
5 for 1998 to those who receive services from non-ETCs is a
6 really positive step, many health care and telecommunication
7 providers did not bother to apply during the required time
8 period because of their declared ineligibility. The sole
9 subsidy that has been received on behalf of our network is
10 for a part of year one to date, but we are presently working
11 to see if we can't remedy some of that with an appeal.

12 Complexity in the application process also needed
13 simplification, and that process is underway to combine
14 forms and reduce redundancy. And in our situation, Good
15 Samaritan assists the ten other rural hospitals in that
16 process. I do have some concern perhaps for rural hospitals
17 who do not have someone to help them through that process.

18 The discounts for year three will be based on
19 actual distance rather than tariffed or publicly available
20 service. We are anxious to see if that will improve the
21 payments which are still kind of pricey for many of our
22 rural hospitals to provide.

23 Also, I might mention that -- I know this is set
24 in statute. There's nothing that can be done with
25 regulation right now, but there is still a concern about the

1 non-profit health providers are the only ones that are
2 eligible for the subsidy, and many long-term care facilities
3 which are for-profit and physicians' offices would be unable
4 to use these services.

5 I appreciate the opportunity to share information
6 about the importance of improving options for deployment of
7 wide-band access, and I believe that this conference in
8 itself is a sincere expression of that effort to do the very
9 best for our rural areas, and I thank you very much for
10 that.

11 (Applause.)

12 MS. BOYLE: Thank you, Donna.

13 Dr. Kienzle?

14 DR. KIENZLE: Ladies and Gentlemen, it is a real
15 pleasure for me to join you this afternoon. My presentation
16 today will be the oral equivalent of the flight of the
17 bumblebee. I say this because I have only a few minutes to
18 quickly summarize our experience with tele-health
19 applications in a rural setting, and offer a few of our
20 lessons learned after the last six years of work.
21 Parenthetically, we have been as busy as bees.

22 In 1994, we were able to leverage the investment
23 of the State of Iowa and the Iowa Communications Network to
24 secure the first of two National Library of Medicine
25 contracts totaling almost \$14 million. This support funded

1 the National Laboratory for the Study of Rural Telemedicine
2 from 1994 until just this past month. We developed a rural
3 test-bed network to develop and study applications of
4 potential importance to rural health care.

5 Ten distinct applications were developed and
6 tested, including virtual libraries, advanced radiology,
7 emergency room support, pediatric cardiac imaging, and
8 consultation for patients with mental illness or
9 disabilities. Our network linked up to 16 mostly rural
10 hospitals using a variety of strategies including T1, DS3,
11 ISDN, frame-relay, and pots. Detailed reports of these
12 activities are available on our R&D website at
13 <http://telemed.medicine.uiowa.edu>. I have also submitted
14 that executive summary of our most recent NLM contract into
15 the record of this meeting.

16 In March of 1997 we developed a multi-prison
17 consultation service with the Iowa Department of Corrections
18 to provide specialty consultation in all of nine of Iowa's
19 prisons. We have begun -- to date we have provided almost
20 800 consultations in most of our existing specialties. We
21 have begun to explore the use of telemedicine to address
22 some of the prison's most challenging problems such as HIV,
23 tuberculosis, and Hepatitis C, conditions that have become
24 epidemic in most prison systems.

25 In January of 1998 we developed a home

1 telemedicine company called Resource Link of Iowa as a joint
2 venture with a private sector company in Kansas. This has
3 proved a wonderful application to provide home nursing to
4 isolated elderly patients with complex and difficult to
5 manage medical problems. The system uses pots connected to
6 a 13 inch television and a set-top box with camera and also
7 allows the downloading of in-home measurements such as
8 weights, blood pressure, blood glucose, and heart sounds.

9 We have served well over 100 patients and usually
10 have 50 patients on-line connected at any one time at
11 distances up to 250 miles. In addition to enhancing their
12 health care, we have been able to document savings in total
13 cost of care approaching a third. Patients love the service
14 and enjoy real and valuable relationships with their video
15 nurses.

16 We have made great progress towards providing
17 some of our services over the Internet. In one NLM project
18 we created a community for patients with newly diagnosed
19 diabetes. We created a special website for patients and
20 their health care providers where information could be made
21 available. Patients and providers could message one
22 another, and common issues could be discussed in a threaded
23 forum on-line.

24 Other activities include enhancing our
25 institutional website by adding services like one-on-one

1 discussion with physicians 24 hours a day and expert chats
2 on common medical topics. Like many tele-health systems, we
3 have taken advantage of these networks to offer a variety of
4 lifelong-learning opportunities like departmental grand
5 rounds, special events, and support for adjunct faculty and
6 students while in the community. Literally hundreds of
7 hours of programming have been delivered to patients and
8 providers in all corners of the state, reducing the
9 isolation that can accompany rural life.

10 We have also made a number of special programs
11 available for CME credit on the Internet. We have also
12 gained tremendous experience with international video
13 conferencing and commonly do programming overseas. One of
14 our faculty members, for example, has provided residency
15 training in his specialty to Austria on a regular basis, as
16 well as a number of US universities lacking his particular
17 expertise, so we have been very busy.

18 In closing, let me quote from the executive
19 summary of our most recent NLM report. "Based on our
20 collective experience gained during our current NLM
21 contract, we offer the following brief and general
22 conclusions. When carefully designed, implemented, and
23 evaluated, telemedicine consultation provides a clinical
24 experience for providers, patients, and family that is
25 indistinguishable from more traditional face-to-face

1 encounters.

2 "Actually doing telemedicine is difficult. The
3 least of these difficulties is technology. Education,
4 support, and training of providers are critical. The need
5 to recognize and mitigate political and social factors that
6 stand in the way of success is often ignored at considerable
7 peril.

8 "The incentives needed for full participation and
9 evaluation of telemedicine are not yet present, particularly
10 in the area of payment for service. We find ourselves in a
11 no job without experience and no experience without a job
12 situation, and previous federal initiatives to gain
13 necessary experience such as the HCFA waiver program have
14 been ill-designed and executed and created, we believe, the
15 false impression that telemedicine doesn't work.

16 "Under the leadership of the NLM and with the
17 assistance from entities such as the Institute of Medicine,
18 a more accurate picture of telemedicine is emerging.
19 Considerable economic value is available to patients and
20 their families by the improved access to specialty services
21 and avoidance of costs associated with travel. When
22 considered in the context of the clinical effectiveness of
23 tele-health services, the case for telemedicine is even more
24 compelling from the patient perspective.

25 "For providers of specialty health care service,

1 the value proposition is less clear and may vary
2 considerably from one clinical application to the next.
3 Given the lack of routine reimbursement for tele-health
4 services and the lion's share of easily demonstrable
5 economic value going to patients and their families,
6 benefits for telemedicine service providers in the current
7 environment are less direct and must be viewed from a
8 broader health system perspective.

9 "This perspective must take into account the
10 favorable impact telemedicine programs may have on referral
11 and other relationships. The extent to which telemedicine
12 is viewed is one of several tools for clinical relationship
13 building, and patient care will determine whether decision
14 makers continue to support telemedicine programs when
15 external funds terminate or are otherwise unavailable.

16 "Given the results of our current and past
17 projects and others, we believe that telemedicine is safe
18 and effective and should be made available to patients and
19 reimbursed on the same basis as traditional health care
20 service. While the federal government has taken a few
21 halting steps in endorsing this position, much more
22 leadership is needed to put telemedicine on an appropriate
23 footing in the health care system."

24 Thank you for the opportunity to participate in
25 today's events, and I look forward to questions that might

1 arise.

2 (Applause.)

3 MS. BOYLE: Thank you, and are there questions
4 from the panel?

5 MR. McLEAN: First of all, I have a point of
6 personal privilege. I just wanted to thank Commissioner
7 Boyle for her very kind words. And I'm like many Nebraska
8 Democrats who may not have been in public service if it
9 weren't for the encouragement and example of the Boyle and
10 the Howell [phonetic] families, and I thank you for that.

11 At the Rural Utilities Service we have an
12 absolutely wonderful program called Distance Learning
13 Telemedicine. We provide grants and loans and loan-grant
14 combinations. We financed over 300 distance learning for
15 telemedicine projects across this country. We've done ten
16 in Nebraska and about three or four in Iowa, and we are
17 presently scoring our grant applications right now.

18 I have absolutely no difficulty moving our grant
19 money. They are very easy to do, a lot of competition, a
20 lot of interest in the grant funding. But out of \$200
21 million of treasury rate of interest loan funds available
22 right now, available on a first-come, first-served basis --
23 if we can even get the right project we'll put in \$1 of
24 grant funds for every \$10 of loan funds to finance end user
25 telemedicine equipment, transmission where it's not

1 otherwise available or affordable, vehicles and structures
2 to house the telecommunications equipment at treasury rates
3 of interest for ten years or the life of the equipment.

4 We're only starting to see some interest in that
5 loan product right now, and it's from hospitals that see the
6 value of avoided cost but they have a hard time coming up
7 with the stream of revenues that you had just mentioned in
8 your presentations in order to be able to pay back a loan.

9 I really need your help. Can you give me any
10 advice on how we can make a loan product -- which we think
11 loan products are actually inherently more sustainable
12 because people are taking on long-term commitments and it's
13 a project that won't end once the financing -- once the
14 grant ends, and finding a way to leverage that with the e-
15 rate discounts.

16 Can you give me any advice on how we can make
17 that loan product more attractive?

18 DR. KIENZLE: One of my responsibilities is
19 director of continuing education, and we struggle as we move
20 from a traditional life-long learning model of coming to a
21 place -- a university to obtain continuing education to one
22 in which the product is delivered at the site of work or in
23 the hospital environment or in the school environment, and
24 we're struggling with how you make that transfer and how you
25 provide enough exchange of funds to make the capital

1 investments and all of that sort of thing possible.

2 I think that a loan that is linked perhaps to
3 some sort of a collaborative subscription system for life-
4 long learning -- I have a lot of interest in using some of
5 the technology that we have to support K12 interest in
6 health science. A lot of rural science teachers in
7 particular could use all the support they can get, and even
8 some of our medical students have provided outreach
9 programming.

10 And having the telecommunications infrastructure
11 to do that means that our students, for instance, that go
12 out and do demonstrations for students no longer have to
13 limit their visits to one hour away from the university.
14 They can -- and I've done programming with high school
15 students where students are 300 miles in all directions.
16 And so I agree, it will be important to get some additional
17 dollars into the system so that -- but we need to also have
18 people acknowledge the economic value of having those
19 products delivered directly to their community.

20 MS. HAMMACK: There are also some instances --
21 and they are rather select yet -- where people are beginning
22 to recognize that if we want to keep these systems we have
23 to put in some dollars in order to support them.

24 Last year in Nebraska we did pass LB 559, which
25 is the Medicaid development fund -- excuse me -- bill, and

1 now it's Medicaid Development Act, I guess -- essentially it
2 does have a piece in there for transmission costs. There
3 are other states that now are looking at facility fees.
4 There is actually a federal bill being drafted that we are
5 very interested in right now, because a component that is in
6 there presently is for a facility fee to the originating
7 sites.

8 Those kinds of things to help support our systems
9 are absolutely essential, because if we expect hospitals to
10 do this for free and the physicians are not employed there
11 and they're the only ones that are getting paid for the
12 services, they're just going to fail.

13 The other thing I think is looking at the various
14 things that can happen over the network, things that he was
15 just talking about as far as the medical education
16 components are very important. There are other sites that
17 have looked at things, if they're not excluded. I
18 understand that there is some pricing that is allowed now by
19 [indiscernible] if hospitals would want to, so to speak,
20 sell off some of the time when they're not using this that
21 there would be a way of developing a business plan that
22 would help to support those systems.

23 I don't know that that's being talked about very
24 openly or promoted, but perhaps that tele-village concept is
25 something that may be helpful to small communities.

1 DR. BENSCHOTER: Having searched high and low for
2 grants and other support -- I did read the materials on the
3 loan program. First, it's somewhat difficult for a state
4 agency to take out a loan. Secondly, our partners, small
5 hospitals, are having so many financial problems now that
6 tying themselves to shared loan is not too appealing either,
7 so it's a tough thing.

8 I was not aware that you might -- there was the
9 possibility of shared use of systems, which might very well
10 be the answer.

11 MR. MCLEAN: The results are absolutely
12 remarkable. In some cases, the telemedicine -- in many
13 cases telemedicine is better than the medicine in person.
14 You have digital resolution on the scopes -- and it becomes
15 a community resource. That's the other thing that we see.
16 Once you have that telemedicine facility or distance
17 learning faculty, it's not just important for the whole
18 hospital, it's for the community. The Girl Scouts use it.
19 The Garden Club uses it. The fire department uses it to get
20 emergency medical training.

21 And we're open for business and we're ready to
22 make loans, and the next year in the November to March time
23 frame, assuming Congress is good to us as they have been in
24 previous years with this program, we will be having our
25 grant application cycle open again.

1 But the loan money is available on a first-come,
2 first-served basis, as well as the loan-grant combination,
3 so if anybody has any ideas -- another opportunity might be
4 for community organizations to do this as a community
5 service, whether it might be your electric coop or your
6 local telecommunications company to take out the loan in
7 order to bring the service to the hospital or to the clinic.

8 SENATOR KERREY: Donna, can I talk to you
9 specifically about some of the problems that you face in
10 Kearney? I presume you've got -- are you using GTE or
11 ALLTEL? You've got GTE in there as your I-LEC, and you've
12 got --

13 MS. HAMMACK: We now have ALLTEL, who is acting
14 as an umbrella and working with the local telco, so we now
15 are with ALLTEL. We used to be with AT&T and we switched
16 from AT&T because they were a non-ETC, so that that would
17 work better, and now, of course, AT&T would be eligible but
18 we're fine where we are presently and we have a system that
19 we are pleased with as far as the service delivery is
20 concerned.

21 SENATOR KERREY: You said it's critical to have
22 access to broadband. One of the things we've been -- as
23 I've indicated earlier we've been struggling to do is try to
24 find out who does and who doesn't; what sort of access is
25 there. As I see it, it does become very critical if you

1 consider the need especially to run video through that line.

2 If you take four minutes of compressed video,
3 you've got ten megabytes of data that you've got to run
4 through the line. That's compressed. But you don't want to
5 compress it if you want the higher resolution. Multiply
6 that by ten. Let's just start off with ten megabytes
7 through a 28.8 kilobyte line. That's a per second line.
8 That's 46 minutes. Even all the way down to 1-1/2 megabytes
9 is 52 seconds. You've got to get down to four megabyte a
10 second coaxial before you drop the time to 20 seconds. You
11 get significant delays in transmitting.

12 And again, the Chairman and I were at Bayard
13 earlier and they were celebrating 56 kilobit per second,
14 which completely means that streaming video is inaccessible
15 for real time education. It means they absolutely don't get
16 access to it. They can't use it. It's not relevant to them
17 in their education, whereas it's relevant in lots of other
18 communities.

19 Is that the kind of barrier that you're looking
20 at? Do you find significant barriers -- even in the T1 you
21 must have barriers?

22 MS. HAMMACK: The T1 works well for us right now.
23 I know that there are educational systems that actually are
24 putting in DS3 at this point. The T1 is fine for us. One
25 of the problems is though when you work with a -- if you're

1 familiar with Bassett, Nebraska, a community like that --
2 I'm not sure that they ever had a T1 line going to Bassett,
3 Nebraska before. It truly was an event for that to happen,
4 and our folks at ALLTEL worked with the local telephone
5 company in order to get that accomplished.

6 But if you were to purely look at the process of
7 posting on the Internet and waiting for someone to respond,
8 and you're expecting to develop this whole consortium of
9 service, that's very difficult to do. Frankly, we had to go
10 out and actively pursue this to make sure that we could
11 get -- ALLTEL worked with these local providers in order to
12 provide an umbrella of service, and that took a little bit
13 of doing to get that accomplished.

14 So it was not just a simple act of posting on the
15 Internet, and we had lots of people respond. We had no one
16 respond, quite frankly.

17 We had no one respond, so we had to go out and
18 organize the system, so to speak, to make it work.

19 SENATOR KERREY: And when you -- when you're
20 dealing with either AT&T or ALLTEL, you basically get one
21 bid on line charge?

22 MS. HAMMACK: Right now we have one bid. Yes,
23 through ALLTEL, and it's done in umbrella fashion.

24 SENATOR KERREY: So you don't have competition
25 for your business right now?

1 MS. HAMMACK: We don't have competition for our
2 business.

3 SENATOR KERREY: Is that -- does that create any
4 difficulties for you at all?

5 MS. HAMMACK: At some point I suppose that could.
6 Yes.

7 SENATOR KERREY: Should we ask ALLTEL to leave
8 the room so you can answer?

9 (General laughter.)

10 MS. HAMMACK: We work very well with them right
11 now.

12 SENATOR KERREY: Was it a problem with AT&T?

13 MS. HAMMACK: Let's say they were not perhaps as
14 flexible in working with a larger company. And for example,
15 this is -- it's a real life problem. Right now we have not
16 yet received one cent of subsidy for year two.

17 SENATOR KERREY: On the e-rate? Are you talking
18 about --

19 MS. HAMMACK: Right. Yes. The rural health
20 care side. And part of it is we're no longer working with
21 one carrier but we need two months of documentation from
22 them, so we just need to work through the process. And it
23 will happen but it's just -- it's more cumbersome. It's
24 another step to go through. And then when we get that
25 solved then we can work with ALLTEL and get the other ten

1 months accomplished.

2 SENATOR KERREY: Is interstate licensing an issue
3 for you?

4 MS. HAMMACK: Interstate licensing -- it's a very
5 cumbersome issue. Right now our physicians who provide
6 service regularly in Kansas -- we need to license them. And
7 having been a person who's helped get this facilitated for
8 physicians, it is extremely cumbersome. We do it because
9 that's what needs to happen to do business.

10 I think that it really inhibits some people from
11 crossing state lines, most definitely.

12 SENATOR KERREY: Thanks.

13 CHAIRMAN KENNARD: For those of you who aren't
14 familiar with the Rural Health Care program that we're
15 talking about, this was a provision that was again sponsored
16 by Senator Kerrey, the same amendment that resulted in the
17 e-rate that allows the FCC to administer a program that
18 gives rural health care facilities access to the same high-
19 speed networks that people are able to access in urban
20 areas, and it's basically a subsidy program that subsidizes
21 the difference between what people pay for connectivity in
22 urban areas and rural areas.

23 And the program, just to be candid, has been a
24 real for a couple of reasons. One is it was very -- as soon
25 as we went to implement the program a lot of people attacked

1 it just like the e-rate and didn't want it to go forward.
2 And thankfully, Senator Kerrey and Senators Rockefeller and
3 Snowe and others that sponsored the amendment rallied again
4 and got us going.

5 But there's been some frustration expressed about
6 the application process and how cumbersome it's been, and I
7 apologize for that. But please understand that that was a
8 necessity in order to get the program going, because before
9 we were able to give out one cent of discount money in both
10 these programs, we had to undergo three audits directed by
11 people in Congress who wanted to shut it down, and
12 basically, they were looking for any evidence of fraud or
13 misappropriated funds as an excuse to shut the program down.

14 Now we're going into the third program year and
15 we've proven that the programs work and that they are
16 delivering very needed benefits around the country, and so
17 we've moving to relax some of the application processes.

18 And I'm glad, Donna, that you mentioned that some
19 of these -- you're seeing some benefits of those working.

20 But we still need to find -- I don't think we've
21 really hit our stride with rural health care. I think we're
22 still struggling to find ways to make it most useful for
23 people in rural America, and so if you have any suggestions
24 or ideas on how we can structure the program so it better
25 serves your needs, now's your chance, because we have -- as